Patent Claims

1. A method for adjustment of a rotation rate sensor having a vibration gyro,

- which, with a first input and a first output, is part of a primary control loop which excites the vibration gyro by supplying an excitation signal to the first input at its natural frequency,
- in which case the vibration gyro, with a second input and with a second output, is also part of a secondary control loop,
- in which case an output signal can be tapped off from the second output and, after amplification and analog/digital conversion, is demodulated to form an in-phase component and a quadrature component,
- in which case the components are modulated again after filtering and are combined to form a driver signal which is supplied to the second input, and
- in which case a rotation rate signal is derived from the in-phase component,

characterized

- in that, when the vibration gyro is not moving, correction values are added to the in-phase components and to the quadrature components and are varied until the in-phase components and the quadrature components are each at a minimum, and
- in that these correction values are stored in a non-volatile memory and are used during operation of the rotation rate sensor.